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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,537	03/09/2004	Carlos Garcia Jurado Suarez	MS306911.01/MSFTP569US	2000

27195 7590 08/21/2006

AMIN. TUROCY & CALVIN, LLP  
24TH FLOOR, NATIONAL CITY CENTER  
1900 EAST NINTH STREET  
CLEVELAND, OH 44114

EXAMINER

KINDRED, ALFORD W

ART UNIT PAPER NUMBER

2163

DATE MAILED: 08/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/796,537

Applicant(s)

SUAREZ ET AL.

Examiner

Alford W. Kindred

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 3/09/04.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>6/14/04</u> . | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This action is responsive to communications: Application, filed on 03/09/04.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Singh, US# 2004/0068526.

As per claims 1 and 4, Singh teaches “a map bank that stores relationships between the electronic document and the representations; and a mapping engine that utilizes at least one relationship to synchronize the electronic data and the representations such that a modification to the electronic data is mapped to the representations” (see paragraph [0029] and [0051]) “modification to a representation is mapped to the electronic data and the remaining representations” (see paragraph [0057] and [0063]).

As per claim 2, Singh teaches “a store that provides one or more handlers that mediate between the mapping engine and the data” (see paragraph [0060]).

As per claim 3, Singh teaches “one or more of a file handler, a project handler, a

service handler, a configuration handler, a code handler, an assembly handler, a reference handler and a user defined handler” (see paragraph [0034], whereas Singh’s xml and data type teachings includes file handlers are illustrated in applicant’s claim language).

As per claims 5-7, Singh teaches “mapping electronic data operations to xml info operations” (see paragraph [0033] and [0034]).

As per claims 8-9, Singh teaches “a service bank that provides one or more services that facilitate synchronization” (see paragraph [0036] and [0051]).

As per claims 10-11, Singh teaches “respective relationships are defined to support one of a single data type associated with a representation; a single data type associated with a plurality of representations; a plurality of data types associated with a plurality of representations; and a plurality of data types associated with a single representation” (see paragraph [0030], [0034], and [0057]).

As claim 12, Singh teaches “an API that facilitates at least one of uploading relationships to the map bank and generating relationships in the map bank” (see paragraph [0063] and [0072]).

As per claims 13 and 16, these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1-2 and are similarly rejected.

As per claims 14-17, Singh teaches “detecting that a modification has been made and determining the modification by comparing an unmodified version with the modified version” (see paragraph [0029]-[0030], whereas Singh’s mapping scheme combined with the source and target attributes, reads on applicant’s claim language).

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As per claims 18-22, these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1-6 and are similarly rejected.

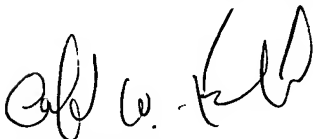
As per claims 23-25, these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1, 13, and 18 and are similarly rejected.

***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alford W. Kindred whose telephone number is 571-272-4037. The examiner can normally be reached on Mon-Fri 9:00 am- 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Alford W. Kindred  
Patent Examiner  
Tech Ctr. 2100